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**IV. AMENDMENTS TO THE CLAIMS**

1. (CURRENTLY AMENDED) A melt spinning apparatus comprising:  
a spinning unit disposing a spinning plate having a plurality of nozzles and  
a cooling device disposed below said spinning ~~nozzle~~ plate,  
wherein the nozzles of said spinning plate are arranged annular in at least  
one circle, and a cylindrical filter is disposed at an exit of a cooling wind in said cooling  
device so as to enclose around a spun yarn discharged from said spinning plate, the  
annular diameter of said ~~nozzles~~ at least one circle being from no less than 0.6 times to  
one time of the internal diameter of said cylindrical filter, and the flow velocity of the  
cooling wind blown from said cylindrical filter being distributed gradually higher  
according to the downstream of the spun yarn, and  
wherein a plurality of rectifying vanes are arranged on an inner wall of said  
cylindrical flow guide to extend radially toward the center of said cylindrical filter and at  
intervals in the circumferential direction on said inner wall.
2. (ORIGINAL) A melt spinning apparatus as set forth in Claim 1,  
wherein the center distance between the adjoining nozzles in said plurality  
of nozzles is no less than 8 times of the diameter of said nozzles.
3. (ORIGINAL) A melt spinning apparatus as set forth in Claim 1 or 2,  
wherein a cylindrical flow guide for said cooling wind is disposed to  
enclose an outer circumference of said cylindrical filter, an inner wall of said cylindrical  
flow guide made inclined close to an upper side of said cylindrical filter.
4. (CANCELED).
5. (ORIGINAL) A melt spinning apparatus as set forth in Claim 3, wherein a  
guide tube is connected to the lower end of said cylindrical filter.